## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Satoshi SUGAHARA et al.

Application No.: 10/550,652

Group Art Unit: 2811

Filed: December 7, 2005

Docket No.: 125426

For: RECONFIGURABLE LOGIC CIRCUIT USING A TRANSISTOR HAVING SPIN-

DEPENDENT TRANSFER CHARACTERISTICS

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- One or more reference cited herein was cited in a counterpart foreign application.
   An English language version of the foreign search report is attached for the Examiner's information. See Reference 1 & 3.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See Reference 3.
- 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See Reference 3.

## 6. Reference 2 corresponds to Reference 1.

Respectfully submitted

Sames A. Oliff Registration No. 27,075

Linda M. Saltiel Registration No. 51,122

JAO:LMS/nxy

Date: April 25, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461

Sheet	1	of	1	

Form PTO-1449 US Dept. of Con (REV. 1/06) PATENT & TRADEMARK O		nmerce OFFICE	ATTY DOCKET NO. 125426			APPLICATION NO. 10/550,652		
	INFORMA <sup>*</sup>	TION DISCLOSURE STATEMENT						
(Use several sheets if necessary)				APPLICANTS Satoshi SUGAHARA et al.				
				FILING DATE December 7, 2005			GROUP 2811	
		U	S. PATEN	T DOCUM	MENTS			
Examiner Initials	Cite No.	Document Number	Da	ite		Name	-	
	1.	5,654,566	08/05/	1997	JOHNSON			
	2.	5,652,445	07/29/1997		JOHNSON			
		roni	L EIGN PATI	CNIT DOG	U D AFAITTO			
Examiner Initials	Cite No.	Document Number	Da		Country		With English Abstract	With English Translation
	3.	JP-A-2003-060211	02/28	/2003	JAPAN		х	х
			OTUEPE	OCUME	MTC			L
Examiner Initials								
					***************************************			
EXAMINER		/Eugene Lee/		<del></del>	DATE C	ONSIDERED	10/13/20	
Examiner:	Initial if	citation considered, whether or not citati	ion is in co	nformanc	c with M.P.E.P. 609; draw line	hrough cit	ation if not in	conformance